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From : Winston Hsu, Registration No. 41,526

Serial No.: 10/709,026

Attorney Docket No.: VOSP0007USA

Subject: Information Disclosure Statement (IDS)

Total Pages: 28 pages (including cover page)

Winston Hsu 2005/11/07

VOSP0007USA0_D1_2

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PTO/SB/21 (09-04)

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| | | | |
|---|----------------------|------------------------|-------------|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/709,026 | |
| | Filing Date | 04/07/2004 | |
| | First Named Inventor | Yuan-Kun Hsiao | |
| | Art Unit | 2631 | |
| | Examiner Name | GHAYOUR, MOHAMMED H | |
| Total Number of Pages in This Submission | 27 | Attorney Docket Number | VOSP0007USA |

| ENCLOSURES (Check all that apply) | | |
|--|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): |
| Remarks | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | |
|--|---|----------|--------|
| Firm Name | North America Intellectual Property Corporation | | |
| Signature | <i>Winston Hsu</i> | | |
| Printed name | Winston Hsu | | |
| Date | 11/07/2005 | Reg. No. | 41,526 |

| CERTIFICATE OF TRANSMISSION/MAILING | | |
|---|------------------|-----------------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: | | |
| Signature | <i>Cindy Lin</i> | |
| Typed or printed name | Cindy Lin | Date 11/07/2005 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (12-04)

Approved for use through 07/31/2008. OMB 0651-0032
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Effective on 12/09/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL
For FY 2005**☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 0.00**Complete If Known**

| | |
|----------------------|---------------------|
| Application Number | 10/709,026 |
| Filing Date | 04/07/2004 |
| First Named Inventor | Yuan-Kun Hsiao |
| Examiner Name | GHAYOUR, MOHAMMED H |
| Art Unit | 2631 |
| Attorney Docket No. | VOSP0007USA |

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: **50-3105** Deposit Account Name: North America Intellectual Property Corp.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated herein ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
| | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | |

2. EXCESS CLAIM FEES

| Fee Description | Fee (\$) | Small Entity Fee (\$) |
|---|----------|-----------------------|
| Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent | 50 | 25 |
| Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent | 200 | 100 |
| Multiple dependent claims | 360 | 180 |

Total Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)**

- 20 or HP = _____ x _____ = _____

HP = highest number of total claims paid for, if greater than 20

Indep. Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)**

- 3 or HP = _____ x _____ = _____

HP = highest number of independent claims paid for, if greater than 3

Multiple Dependent Claims

Fee (\$) **Fee Paid (\$)**

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|--------------|--------------|---|----------|---------------|
| _____ | _____ | _____ / 50 = _____ (round up to a whole number) x _____ = _____ | | |

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: submission of Information Disclosure Statement

Fees Paid (\$)
0.00**SUBMITTED BY**

| | | | | | |
|-------------------|--------------------|-----------------------------------|------------|-----------|--------------|
| Signature | <i>Winston Hsu</i> | Registration No. (Attorney/Agent) | 41,526 | Telephone | 302-729-1562 |
| Name (Print/Type) | Winston Hsu | Date | 11/07/2005 | | |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTQ/SB/08A (08-03)

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

| | |
|------------------------|---------------------|
| Application Number | 10/709,026 |
| Filing Date | 04/07/2004 |
| First Named Inventor | Yuan-Kun Hsiao |
| Art Unit | 2631 |
| Examiner Name | GHAYOUR, MOHAMMED H |
| Attorney Docket Number | VOSP0007USA |

| | | | |
|-------|---|----|---|
| Sheet | 1 | of | 1 |
|-------|---|----|---|

[illegible]

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|----------|--|------------------|---|---|---|
| Examiner Initials* | Cite No. | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | † |
| | | Country Code ³ Number ⁴ Kind Code ⁵ (# known) | MM-DD-YYYY | | | |
| | 1 | CN 1373474A | 10-09-2002 | BENQ CORP (CN) | | + |
| | 2 | JP 11-353686 | 12-24-1999 | NEC CORP | | + |
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| | | | |
|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public, which is in the (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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PATENT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

5 Applicants: Yuan-Kun Hsiao.

Filing Date: 04/07/2004

Art Unit: 2631

Examiner: Ghayour, Mohammed H

Confirmation No.: 3025

Appl. No.: 10/709,026

Docket No.: VOSP0007USA

10 Title: APPARATUS OF PHASE-FREQUENCY DETECTOR

To: The Commissioner for Patents

P.O. BOX 1450

Alexandria, VA 22313-1450

15

Subject: Information disclosure statement Under 37
C.F.R. §1.56.

Dear Sir:

20 This is an Information Disclosure Statement in
accordance with the duty to disclose information
material to patentability under 37 CFR §1.56. The
applicant wishes to make of record the document listed
on the accompanying form PTO/SB/08.

25

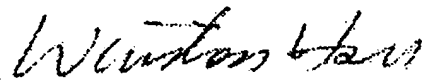
The IDS is filed before the mailing date of the first
Office action. The items contained in the information
disclosure statement were derived from Office action from
the China Intellectual Property Office on September 2, 2005.30 Therefore consideration of the information disclosure
statement is hereby requested according to
37C.F.R. §1.97(b).

According to the requirement set forth in 37 CFR
\$1.98 and MPEP 609, the applicant is submitting a copy
of the following items contained in the IDS: an English
5 abstract of Japanese Publication #JP 11-353686, and an
English abstract of Chinese Publication #CN 1373474A.

10

15

Respectfully submitted,

Date: November 7, 2005

20 Winston Hsu, Patent Agent No. 41,526
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Facsimile: 806-498-6673
e-mail : winstonhsu@naipo.com

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Note: Please leave a message in my voice mail if you need to
talk to me. The time in D.C. is 13 hours behind the Taiwan
time, i.e. 9 AM in D.C. = 10 PM in Taiwan.